CLAIMS

WHAT IS CLAIMED IS:

1. An identification system comprising:

a housing,

a document scanner mounted in said housing and connected to a computing device, and

a camera mounted in said housing and connected to said computing device,

wherein said document scanner scans documents and supplies images of said documents to said computing device and said camera supplies facial images to said computing device.

2. An identification system according to claim 1 wherein said computing device is removably mounted to said housing.

3. An identification system according to claim 1 wherein said computing device comprises a laptop computer.

4. An identification system according to claim 1 further comprising a display connected to said computing device.

5. An identification system according to claim 1 wherein said camera has at least one of pan, zoom, and tilt capabilities.

6. An identification system according to claim 1 wherein said housing comprises:

an outer shell;

a first compartment for housing said document scanner; and

a second compartment for housing said camera.

7. An identification system according to claim 1 further comprising:

a fingerprint scanner mounted to said housing and connected to said computing device, wherein said fingerprint scanner provides fingerprint images to said computing device.

8. An identification system according to claim 7 wherein said housing comprises:

an outer shell;

a first compartment for housing said document scanner;

a second compartment for housing said camera; and

a third compartment for housing said fingerprint scanner.

9. An identification system according to claim 8 wherein said housing further comprises:

a compartment for housing said computing device.

10. An identification system according to claim 8 wherein said housing further comprises a handle attached to said outer shell.

11. An identification system according to claim 1 wherein said computing device comprises:

a memory;

a document identification database stored in said computing device, said document identification database comprising standard document information; and

a processor;

wherein said processor verifies a document image received from said document scanner against said standard document information in said document identification database.

12. An identification system comprising:

a computing device;

a document scanner connected to said computing device;

a camera connected to said computing device; and

a fingerprint scanner connected to said computing device;

wherein said document scanner scans documents and supplies images of said documents to said computing device, said camera supplies facial images to said computing device, and said fingerprint scanner scans fingerprints and supplies images of said fingerprints to said computing device.

13. An identification system according to claim 12 wherein said computing device has a network connection to a remote server having access to a document identification database comprising information on a standard document.

14. An identification system according to claim 13, wherein said computing device verifies a document image received from said document scanner against said standard document information in said document identification database.

15. An identification system according to claim 14 wherein said computing device verifies a document image received from said scanner by its document type based on said standard document information in said document identification database.

16. An identification system according to claim 12 wherein said computing device comprises:

a memory;

a document identification database stored in said computing device, said document identification database comprising standard document information; and

a processor;

wherein said processor verifies a document image received from said document scanner against said standard document information in said document identification database.

17. An identification system according to claim 12 wherein said computing device comprises:

a memory;

a fingerprint database stored in said computing device; and

a processor;

wherein said processor verifies a fingerprint received from said fingerprint scanner against said fingerprint database.

18. An identification system according to claim 12 wherein said document scanner comprises means for capturing an image of a human face from a document having a human face photo.

19. An identification system according to claim 12 wherein said document scanner comprises means for capturing an image of a fingerprint from a document having a fingerprint image.

20. An identification system according to claim 19 wherein said computing device comprises:

a memory;

a fingerprint database stored in said computing device; and

a processor;

wherein said processor compares a fingerprint image received from said document scanner against said fingerprint database.

21. An identification system according to claim 19 wherein said computing device comprises:

a memory;

a fingerprint database stored in said computing device; and

a processor;

wherein said processor identifies a fingerprint image received from said document scanner in said fingerprint database.

22. An identification system according to claim 19 wherein said computing device comprises:

a processor;

wherein said processor compares a fingerprint image received from said document scanner against said fingerprint database stored on a remote server.

23. An identification system according to claim 19 wherein said computing device comprises:

a means for comparing a fingerprint image received from said document scanner against a fingerprint database.

24. An identification system according to claim 12 wherein said computing device has a fingerprint database for said fingerprint scanner device, and further a fingerprint scanned by said fingerprint scanner device is identified from said fingerprint database.

25. An identification system according to claim 12 wherein said computing device has a network connection to a remote server, and further the said remote server has a fingerprint database for said fingerprint scanner device, and a fingerprint scanned by said fingerprint scanner device is identified from said fingerprint database.

26. An identification system according to claim 12 wherein said computing device has a facial image database for facial matching recognition.

27. An identification system according to claim 12 wherein said computing device has a network connection to a remote server, and further the said remote server has a facial image database for facial matching recognition.

28. An identification system according to claim 12 wherein said camera device can take a face picture of a person.

29. An identification system according to claim 28 wherein said computing device has access to a facial image database for facial matching recognition.

30. An identification system according to claim 29 wherein said face picture taken by said camera device for said person can be used to search through said facial image database for facial matching recognition.

31. An identification system according to claim 30 wherein said face picture taken by said camera device for said person can be used to search through said facial image database on said remote server for facial matching recognition.

32. An identification system according to claim 29 wherein said human face photo captured by said document scanner device can be used to search through said facial image database for facial matching recognition.

33. An identification system according to claim 32 wherein said human face photo captured by said document scanner device can be used to search through said facial image database on said remote server for facial matching recognition.

34. An identification system according to claim 12 wherein said computing device has graphic user interface to said document scanner device, said fingerprint scanner device and said camera device, and said graphic user interface can be shown on said display device.

35. An identification system according to claim 34 wherein said graphic user interface shows a report of said facial matching recognition.

36. An identification system according to claim 34 wherein said graphic user interface can show a report of said fingerprint identification result.

37. An identification system according to claim 12 wherein said computing device has a printer port for direct connection to a printer.

38. An identification system according to claim 1 further comprising a power supply.

39. An identification system according to claim 38 wherein said power supply comprises an internal power supply.

40. An identification system according to claim 38 wherein said power supply comprises an external power supply.

41. An identification system according to claim 39 wherein said internal power supply comprises a battery.

42. An identification system according to claim 41 wherein said battery is rechargeable.

43. An identification system according to claim 12 further comprising a power supply.

44. An identification system according to claim 1 wherein said identification system is portable.

45. An identification system according to claim 1 further comprising a light for providing lighting for said camera.

46. An identification system according to claim 1 wherein said camera is mounted on a separate handheld computing device having a CPU, memory and operating system.

47. An identification system according to claim 46 further comprising a wireless connection between said handheld computing device and said computing device.

48. An identification system according to claim 46 wherein said camera takes pictures and transfers said pictures to said computing device.

49. An identification system according to claim 48 wherein said transfer can be done through a wireless connection.

50. An identification system according to claim 48 wherein said transfer can be done through a wire line.

51. An identification system according to claim 46 wherein there is a light attached to said handheld device for lighting for said camera on said handheld device.

52. An integrated device system according to claim 1 wherein said camera can be detached from said integrated device system with connection with said computing device.

53. An identification system comprising:

a housing,

a document scanner mounted in said housing and connected to a computing device, and

a camera mounted in said housing and connected to said computing device,

wherein said document scanner scans documents and supplies encoded information of said documents to said computing device and said camera supplies facial images to said computing device.

54. An identification system according to claim 53 further comprising:

a fingerprint scanner mounted in said housing and connected to a computing device,

wherein said fingerprint scanner scans a fingerprint and supplies a template of said fingerprint to said computing device.

55. An identification system according to claim 53 wherein said encoded information is a bar code.

56. An identity verification system comprising:

means for scanning a facial image on an identification document;

means for taking a digital image of a face of said person;

means for comparing said scanned facial image to said digital image;

means for comparing said scanned facial image to a facial image database; and

means for comparing said digital image to said facial image database.

57. An identity verification system according to claim 56 further comprising:

means for scanning a fingerprint of said person; and

means for comparing said scanned fingerprint to a fingerprint database.

58. An identity verification system according to claim 56 further comprising:

means for scanning a fingerprint on an identification document; and

means for comparing said fingerprint scanned from said identification document to a fingerprint database.

59. An identity verification system according to claim 57 further comprising:

means for scanning a fingerprint on an identification document;

means for comparing said fingerprint scanned from said identification document to a fingerprint database.

60. An identity verification system according to claim 59 further comprising:

means for comparing said fingerprint scanned from said person to said fingerprint scanned from said identification document.

61. An identification system according to claim 11 wherein said document identification database is stored in said memory in said computing device.

62. An identification system according to claim 16 wherein said document identification database is stored in said memory in said computing device.

63. An identification system according to claim 17 wherein said fingerprint database is stored in said memory in said computing device.

64. An identification system according to claim 20 wherein said fingerprint database is stored in said memory in said computing device.

65. An identification system according to claim 21 wherein said fingerprint database is stored in said memory in said computing device.